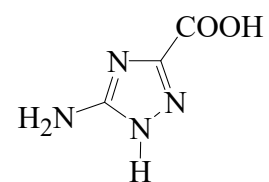




>>Entry Name: 5-Amino-1*H*-1,2,4-triazole-3-carboxylic acid, 9CI



CAS Registry Number: 3641-13-2

Related CAS Registry Numbers(s): 10054-88-3

Molecular Formula: C₃H₄N₄O₂

Molecular Weight: 128.09

Accurate Mass: 128.033426

Percentage Composition: C 28.13%; H 3.15%; N 43.74%; O 24.98%

Physical Description: Cryst. + 0.5H₂O (H₂O)

Melting Point: Mp 183°

Solubility: Prac. insol. EtOH, Et₂O

>>Derivative: Me ester

CAS Registry Number: 3641-14-3

Molecular Formula: C₄H₆N₄O₂

Molecular Weight: 142.117

Accurate Mass: 142.049076

Percentage Composition: C 33.81%; H 4.26%; N 39.42%; O 22.52%

Melting Point: Mp 220° (dec.)

References:

Thiele, J. *et al.*, *Annalen*, 1898, **303**, 33, (*synth*)

Curtis, T. *et al.*, *Ber.*, 1907, **40**, 829, (*synth*)